

CLAIMS

1. A medical kit for qualitative or quantitative determination of a drug in a biological fluid, said medical kit comprising:

- 5 i) a first part coated with a drug conjugate; and
 ii) a second part which contains a labelled anti-drug antibody and is adapted for receiving said biological fluid, wherein said labelled anti-drug antibody is labelled with gold material and/or
10 latex particles.

2. A medical kit according to claim 1, wherein said drug conjugate is a conjugate between said drug and a protein, peptide, polyamine, ceramide, alkyl chain or carbohydrate.

- 15 3. A medical kit according to claim 2, wherein said protein is selected from rabbit serum albumin, bovine serum albumin, ovalbumin, gamma globulin and thyro globulin.

4. A medical kit according to any one of claims 1-3, where
20 wherein said latex particles are coloured.

5. A medical kit according to any one of claims 1-4, wherein said gold material is colloidal gold.

6. A medical kit according to any one of claims 1-5, wherein said drug is selected from antihypertensive, antiviral, antimicrobial, antifungal, antiinflammatory, antitumor and psychopharmaceutical agents, including corticosteroids, mono- to oligosaccharides, vitamins, provitamins and hormones.
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7. A medical kit according to any one of claims 1-6, where
30 wherein said drug has a molar weight in the range of from 50 to 6000 g/mol, preferably from 100 to 1000 g/mol.

8. A medical kit according to claim 7, wherein said drug is selected from lisinopril, amlodipine, captopril,

enalapril, enalaprilat, ketotifen, sildenafil and fluoxetine.

9. A medical kit according to any one of claims 1-8,
wherein said second part is a container which either con-
5 tains a solution of said labelled anti-drug antibody or
has its interior at least partially coated therewith.

10. A medical kit according to any one of claims 1-9, wherein said first part has the shape of a stick, strip, paddle or plate.

10 11. A medical kit according to claim 10, wherein
said first part has the shape of a Nunc-Immuno™ Stick.

12. A medical kit according to any one of claims 1-11, wherein said first part has a surface of a material selected from polystyrene, polypropylene, nitrocellulose material chemically treated for maximum binding.

13. A medical kit according to claim 12, wherein said material is that used for the surface of a Nunc-Immuno™ Stick.

14. A medical kit according to claim 9, wherein said
20 container is tube-shaped.

15. A medical kit according to any one of claims 1-14, wherein said biological fluid is blood, serum or urine.

16. A method for qualitative or quantitative deter-
mination of a drug in a biological fluid, wherein a first
part i) as defined in any one of claims 1-13 and a la-
belled anti-drug antibody are utilised.

17. A method according to claim 16, wherein said first part is placed inside a second part ii) as defined in any one of claims 1-14, wherein said second part contains said biological fluid, wherein said first part is removed from said second part after a predetermined period of time.

18. A method according to claim 17, wherein said predetermined period of time is in the range of from 5 to 60 minutes.

19. A method according to any one of claims 16-18,
5 wherein said first part is subsequently developed in order to bring about a potential colour change indicating the level of said drug in said biological fluid.

20. A method according to any one of claims 16-19,
10 wherein the method in its entirety is performed at ambient temperature.

21. A method according to any one of claims 16-20, wherein said biological fluid is blood, serum, urine or saliva.